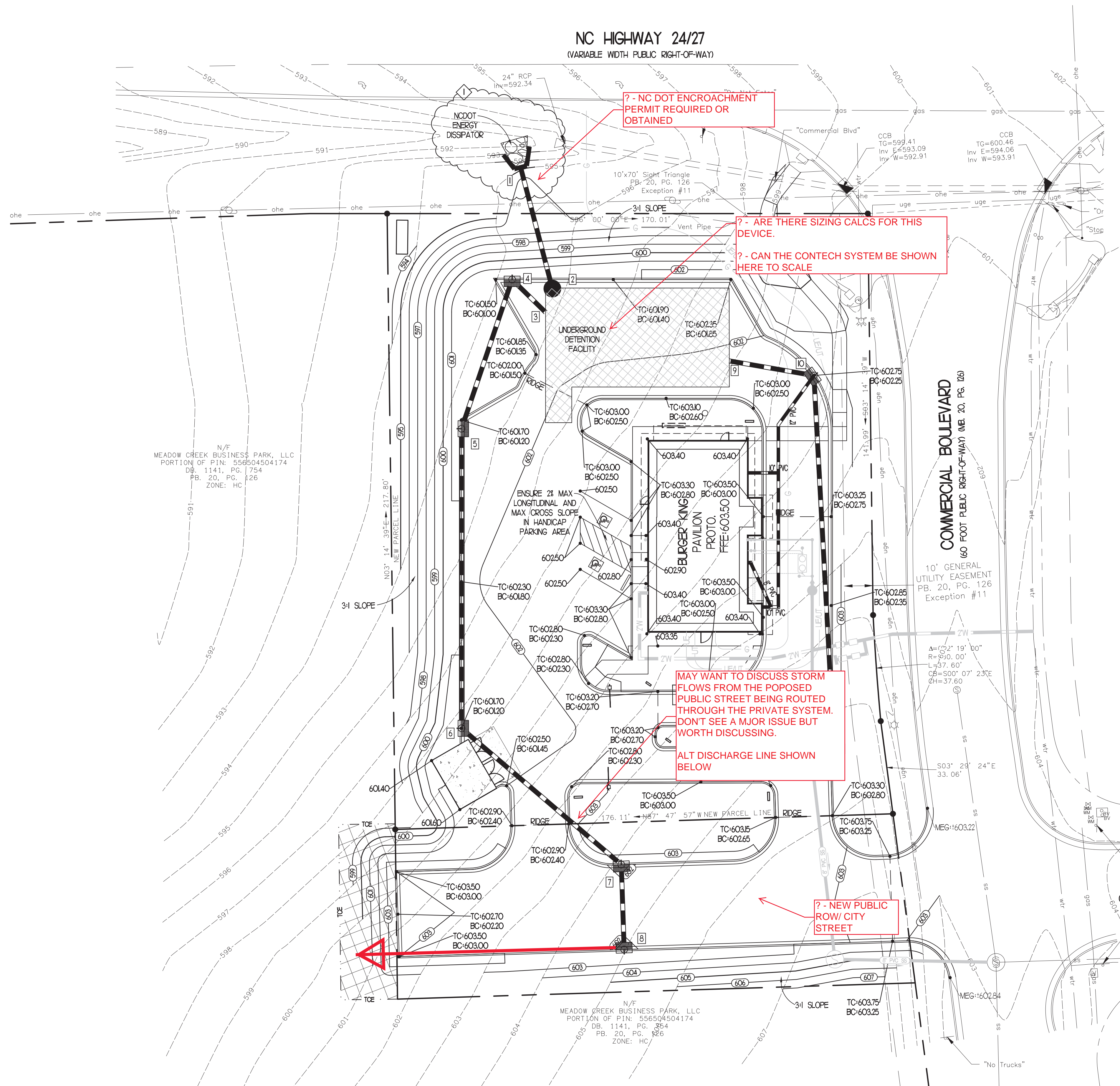


LEGEND

EXISTING	PROPOSED	DESCRIPTION
--- 906 ---	--- 907 ---	CONTOUR LINE
20.38 x	22.60	SPOT ELEVATION
□	■	STORM DRAIN INLET
-----	-----	STORM DRAIN PIPE
	○	LIGHT POLE

STORM DRAIN PIPE SPECIFICATION

STORM PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:
 TYPE I: REINFORCED CONCRETE PIPE (RCP) CLASS III WALL B PER ASTM C-76
 TYPE II: HIGH DENSITY POLYETHYLENE PIPE (HDPE) SMOOTH INTERIOR/ANNULAR EXTERIOR PER AASHTO M252 TYPE S, M294 TYPE S & M7-97 TYPE S (UNLESS OTHERWISE NOTED FOR PIPES 12" AND LARGER, ALL PIPES 36" & LARGER TO BE RCP, ALL PIPES 30" AND SMALLER TO BE EITHER RCP OR HDPE)

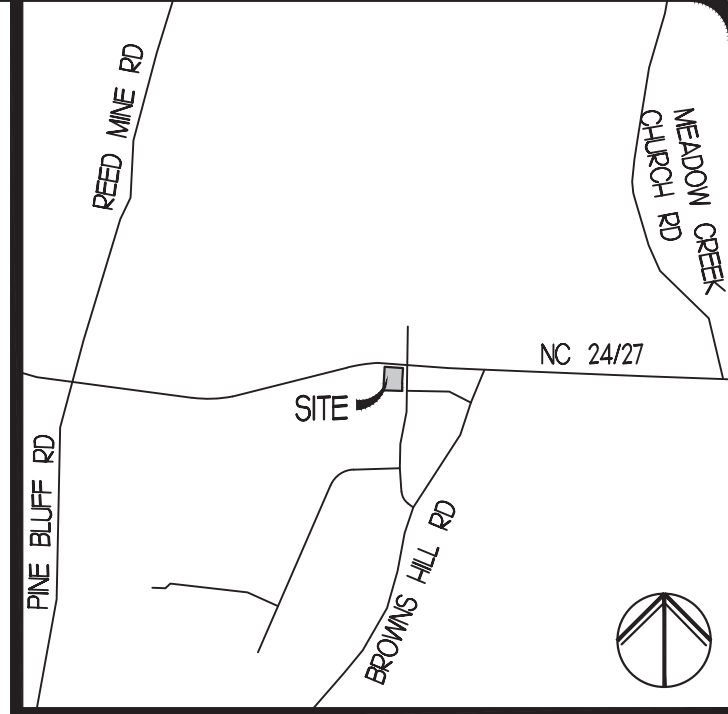


STORM DRAIN STRUCTURE TABLE

STR. NO.	TYPE	RM	INV. IN	INV. OUT
1	FLARED END SECTION	594.7	593.00 (D)	593.45 (D)
2	UNDG. DETENTION CONN.	603.3		
3	UNDG. DETENTION CONN.	603.8	595.59 (4)	
4	COMBINATION INLET	600.0	595.78 (5)	595.68 (5)
5	COMBINATION INLET	600.0	596.36 (6)	596.06 (4)
6	COMBINATION INLET	600.0	596.79 (7)	596.69 (5)
7	COMBINATION INLET	600.5	597.26 (8)	597.16 (5)
8	COMBINATION INLET	600.5		597.41 (7)
9	UNDG. DETENTION CONN.	602.3	596.64 (10)	
10	COMBINATION INLET	602.1	596.89 (10)	596.79 (9)
11	COMBINATION INLET	600.0		597.45 (10)

STORM DRAIN PIPE TABLE

STORM DRAIN PIPE	SIZE	LENGTH	SLOPE	INV. IN	INV. OUT
1 - 2	18"	44'	1.02%	593.00'	593.45'
3 - 4	18"	17'	0.56%	595.59'	595.68'
4 - 5	18"	56'	0.50%	595.78'	596.06'
5 - 6	18"	106'	0.50%	596.36'	596.69'
6 - 7	18"	74'	0.50%	596.79'	597.16'
7 - 8	18"	30'	0.50%	597.26'	597.41'
9 - 10	18"	30'	0.50%	596.64'	596.79'
10 - 11	18"	15'	0.50%	596.89'	597.45'



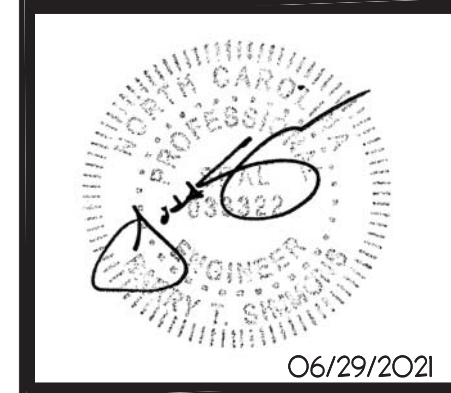
REVISIONS

NO.	DATE	BY
1	06-29-2021	BKS

SITE GRADING NOTES

- ALL SITE WORK SHALL BE DONE IN ACCORDANCE WITH THE PLANS PREPARED BY FREELAND & KAUFFMAN, INC., THE CURRENT REQUIREMENTS OF THE CITY OF LOCUST. THE APPLICABLE SECTIONS OF THE NDOT STANDARD SPECIFICATIONS FOR ROADWAY CONSTRUCTION, AND ALL OTHER PERTINENT FEDERAL AND STATE LAWS.
- THE CONTRACTOR SHALL COMPLY AT ALL TIMES WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, PROVISIONS, AND POLICIES GOVERNING SAFETY AND HEALTH, INCLUDING THE FEDERAL CONSTRUCTION SAFETY ACT (PUBLIC LAW 91-54), FEDERAL REGISTER, CHAPTER XVII, PART 1926 OF TITLE 29 REGULATIONS, OCCUPATIONAL SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION, AND SUBSEQUENT PUBLICATIONS UPDATING THESE REGULATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINING THE AREAS AND CONDITIONS UNDER WHICH THE PROJECT IS TO BE CONSTRUCTED PRIOR TO THE SUBMISSION OF A BID. SUBMISSION OF A BID SHALL BE CONSTRUED TO MEAN THE CONTRACTOR HAS REVIEWED THE SITE AND IS FAMILIAR WITH CONDITIONS AND CONSTRAINTS OF THE SITE.
- BEFORE EXCAVATION, ALL UNDERGROUND UTILITIES SHALL BE LOCATED IN THE FIELD BY THE PROPER AUTHORITIES. THE CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" AT 811 - THE LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES ARE APPROXIMATE AND MAY NOT ALL BE SHOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND THE EXACT LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES.
- ALL EXISTING TREES, VEGETATION, PAVEMENTS, CONCRETE FOUNDATIONS, STRUCTURES AND ORGANIC TOPSOIL SHALL BE STRIPPED AND REMOVED FROM NEW CONSTRUCTION AREAS UNLESS NOTED OTHERWISE.
- ALL SLOPES SHALL BE 3:1 (HORIZONTAL:VERTICAL) MAXIMUM UNLESS NOTED OTHERWISE.
- AN AS-BUILT DRAWING OF NEW UTILITY SERVICES MUST BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE OWNER UPON COMPLETION OF THE PROJECT.
- ALL AREAS NOT PAVED SHALL BE TOPSOILED, SEEDED AND MULCHED OR LANDSCAPED UNLESS OTHERWISE NOTED IN THE CONSTRUCTION DRAWINGS, SITE SPECIFICATIONS OR INSTRUCTED BY THE OWNER.
- CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT, PREPARED BY OTHERS, PRIOR TO INITIATION OF ANY EARTHWORK ACTIVITY.
- CONTRACTOR SHALL REFER TO OTHER PLANS WITHIN THIS CONSTRUCTION SET FOR OTHER PERTINENT INFORMATION.
- IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
- ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
- ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
- THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE GENERAL N.P.D.E.S. PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
- CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
- CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
- TOPOGRAPHIC INFORMATION TAKEN FROM A TOPOGRAPHIC SURVEY BY SURVEY MATTERS. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW.
- ALL STORM STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR INVERT FROM INVERT IN TO INVERT OUT.
- EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
- ALL PROPOSED DRAINAGE STRUCTURES ARE SHOWN FOR REFERENCE PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR ACCURATE LOCATION OF THE STRUCTURES SUCH THAT THE APPLICABLE CASTING IS CORRECTLY ALIGNED WITH SURFACE FEATURES AS DESIGNED.
- CONTRACTOR TO PROVIDE SHOP DRAWINGS ON ALL STORM SEWER MANHOLES AND INLETS.
- ROOF & FOUNDATION DRAIN PIPING TO BE HDPE/PVC • MIN. 1.00% SLOPE.
- ALL SIDEWALKS TO HAVE MAXIMUM 2.00% CROSS SLOPE AND 5.00% MAX LONGITUDINAL SLOPE.
- ALL SLOPES 3:1 AND STEEPER TO RECEIVE EROSION CONTROL MATTING.
- ALL STORM DRAIN PIPE SHALL HAVE A WATERTIGHT JOINT.

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 NC LICENSE NO. C-1532



**BURGER KING
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 CREH LOCUST, LLC
 135 SAN LORENZO AVENUE, SUITE 740
 CORAL GABLES, FL 33146

DRAWN
 BKS
CHECKED
 TBS
DATE
 06/08/2021
SCALE

DRAWING
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GRADING PLAN

